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PCT/PTO 23 MAY 2002

(Atty. Docket No.: HCM-019US) #5

**IN THE UNITED STATES PATENT DESIGNATED OFFICE (DO/US)**  
**(National Phase of International Appln. No. PCT/GB01/01012,**  
**published as WO 01/65112 A1)**

In re the  
application of: **John Frederick KEMP**

International Application No.: **PCT/GB01/01012**

International Filing Date: **28 February 2001**

U.S. Serial No.: **10/030237 (CONF. NO. 5866)**

Mailed: **October 25, 2001**

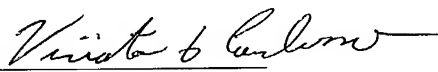
For: **APPARATUS FOR DERIVING ENERGY  
FROM WAVES**

Attorney Docket No.: **HCM-019US**

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**May 23, 2002**  
Date

By:   
Viriato G. Cardoso

BOX PCT  
Commissioner for Patents  
Washington, D.C. 20231

**SECOND PRELIMINARY AMENDMENT**

Dear Sir:

Please amend the claims in the above-titled application as follows, prior to examination:

Re: Attorney Docket No. HCM-019US  
U.S. National Stage of PCT/GB01/01012  
International Publication No. WO 01/65112 A1

**In the claims:**

**Please amend claims 4, 8-9, 11, 13-15 as follows:**

4. (Amended) Apparatus as claimed in claim 1, in which the chamber is formed from a pair of side walls spaced apart by a top plate.
8. (Amended) Apparatus as claimed in claim 1, in which the baffle tapers towards the inlet port.
9. (Amended) Apparatus as claimed in claim 1, in which the chamber includes a pair of tapering side plates adjacent each side wall to compress the air entering in successive wave troughs.
11. (Amended) Apparatus as claimed in claim 1, in which an internal ramp is provided between the inlet port and the manifold.
13. (Amended) Apparatus as claimed in claim 1, in which the air outlet port leads off the manifold adjacent the baffle.
14. (Amended) Apparatus as claimed in claim 1, in which a wave water outlet is provided in the chamber adjacent the baffle.
15. (Amended) Apparatus as claimed in claim 1, in which means are provided to adjust the buoyancy of the chamber to adjust its height in the water to suit different wave conditions.

Re: Attorney Docket No. HCM-019US  
U.S. National Stage of PCT/GB01/01012  
International Publication No. WO 01/65112 A1

## REMARKS

The foregoing amendments remove multiple claim dependencies, thereby addressing minor matters of form. The foregoing amendments introduce no new matter and are not related to issues of patentability.

Entry of the foregoing Preliminary Amendment is respectfully in order and requested.

If there are any questions regarding the amendments to the application, we invite the Examiner to call Applicant's representative at the telephone number below.

Respectfully submitted,

LAHIVE & COCKFIELD, LLP

Anthony A. Laurentano  
Registration No. 38,220  
Attorney for Applicant

28 State Street  
Boston, MA 02109  
(617) 227-7400  
Date: **May 23, 2002**

**Version With Markings To Show Changes Made**

**Please amend claims 4, 8-9, 11 and 13-15 as follows:**

4. (Amended) Apparatus as claimed in ~~any preceding claim~~ 1, in which the chamber is formed from a pair of side walls spaced apart by a top plate.
8. (Amended) Apparatus as claimed in ~~any preceding claim~~ 1, in which the baffle tapers towards the inlet port.
9. (Amended) Apparatus as claimed in ~~any preceding claim~~ 1, in which the chamber includes a pair of tapering side plates adjacent each side wall to compress the air entering in successive wave troughs.
11. (Amended) Apparatus as claimed in ~~any preceding claim~~ 1, in which an internal ramp is provided between the inlet port and the manifold.
13. (Amended) Apparatus as claimed in ~~any preceding claim~~ 1, in which the air outlet port leads off the manifold adjacent the baffle.
14. (Amended) Apparatus as claimed in ~~any preceding claim~~ 1, in which a wave water outlet is provided in the chamber adjacent the baffle.
15. (Amended) Apparatus as claimed in ~~any preceding claim~~ 1, in which means are provided to adjust the buoyancy of the chamber to adjust its height in the water to suit different wave conditions.

(Atty. Docket No.: HCM-019US)

**IN THE UNITED STATES PATENT DESIGNATED OFFICE (DO/US)**  
**(National Phase of International Appln. No. PCT/GB01/01012,**  
**published as WO 01/65112 A1)**

In re the  
application of: **John Frederick KEMP**

International Application No.: **PCT/GB01/01012**

International Filing Date: **28 February 2001**

U.S. Serial No.: **Not yet assigned**

Filed: **Herewith**

For: **APPARATUS FOR DERIVING ENERGY  
FROM WAVES**

Attorney Docket No.: **HCM-019US**

BOX PCT  
Commissioner for Patents  
Washington, D.C. 20231

**PRELIMINARY AMENDMENT**

Dear Sir:

Please amend the claims in the above-titled application as follows, prior to examination:

**In the claims:**

**Please amend claims 3 and 7 as follows:**

3. (Amended) Apparatus as claimed in claim 1, in which the chamber is an elongate chamber.

Re: Attorney Docket No. HCM-019US  
U.S. National Stage of PCT/GB01/01012  
International Publication No. WO 01/65112 A1

7. (Amended) Apparatus as claimed in claim 5, in which the baffle is provided adjacent the end wall.

**Please cancel claim 16.**

### REMARKS

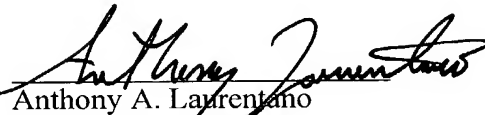
The foregoing amendments remove multiple claim dependencies, to provide proper antecedent basis, and to address other matters of form. The foregoing amendments introduce no new matter and are not related to issues of patentability.

Entry of the foregoing Preliminary Amendment is respectfully in order and requested.

If there are any questions regarding the amendments to the application, we invite the Examiner to call Applicant's representative at the telephone number below.

Respectfully submitted,

LAHIVE & COCKFIELD, LLP



Anthony A. Laurentano  
Registration No. 38,220  
Attorney for Applicant

28 State Street  
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Date: 10/25/61

Re: Attorney Docket No. HCM-019US  
U.S. National Stage of PCT/GB01/01012  
International Publication No. WO 01/65112 A1

**Version With Markings To Show Changes Made**

**Please amend claims 3 and 7 as follows:**

3. (Amended) Apparatus as claimed in claim 1 ~~or claim 2~~, in which the chamber is an elongate chamber.

7. (Amended) Apparatus as claimed in claim 5 ~~or claim 6~~, in which the baffle is provided adjacent the end wall.

**Please cancel claim 16.**